



8

Health and Safety Element

8.1 Introduction

The Health and Safety Element contains goal, policies, and implementation measures designed to protect the public health, safety, and welfare of the community from any unreasonable risks while minimizing damage to structures, property, and infrastructure resulting from natural disasters (e.g., earthquakes, wildfire, flooding, and climate change-related hazards) and human-made (e.g., noise, poor air quality, hazardous materials) hazards.

8.2 Goals and Policies

8.2.1 General Safety and Preparedness

Goal HS-1

To minimize the risk of natural and human-made hazards and to protect residents and visitors from the dangers of earthquake, wildfire, flooding, other natural disasters, and human-made dangers.

Policy HS-1.1: Engineering Analysis of Potential Hazards

The City shall require engineering analysis of new development proposals in areas with possible soil instability, flooding, earthquake faults, or other hazards, and prohibit development in mapped high-risk areas to minimize the risk to occupant safety

Policy HS-1.2: General Awareness and Monitoring

The City shall continually maintain awareness of natural and human-made hazards and monitor conditions that could cause a threat to people, organizations, or properties within the city.

Policy HS-1.3: Evacuation Planning

The City shall identify a network of roads and to help residents evacuate the city should it be necessary. The City shall include this network as a map in this Safety Element or reference its location in another document.

Policy HS-1.4: Evacuation Assistance

The City shall establish an evacuation planning program to assist residents, businesses, and visitors in evacuating during hazardous events. This can include creating a community of social support networks to check on socially vulnerable or isolated persons during dangerous conditions and working with Placer County Transit Authority to offer evacuation assistance to persons with mobility challenges.

Policy HS-1.5: Emergency Preparedness Education

The City shall establish an outreach program to educate residents and business owners about natural and climate change-induced hazards, and public understanding of disasters. The City shall encourage persons in hazard-prone areas to prepare and maintain an emergency and evacuation kit. The City shall collaborate with community service and faith-based organizations to ensure that information and services related to emergency preparedness are made available to persons with limited transportation, communication, and other lifeline resources and services.

Policy HS-1.6: Accessible New Developments

The City shall require all new development projects to have multiple points of ingress and egress to improve evacuation and emergency response access.

Policy HS-1.7: Private Utilities

The City shall establish and maintain collaborative relationships with private utilities that operate in and around Lincoln and Placer County to encourage a more resilient utility system.

Policy HS-1.8: Vulnerable Public Facilities

The City shall locate new critical City-owned facilities and infrastructure outside of mapped hazard zones to the extent feasible, and ensure that any such facilities or infrastructure inside of mapped hazard zones is sited, designed, and constructed so as to best minimize the risk of damage and destruction.

Policy HS-1.9: Emergency Alert System

The City shall coordinate with Placer County Sheriff's Office to provide alerts about potential, developing, and ongoing emergency situations through the Placer alert system to convey information to all residents, in multiple languages and formats to ensure it is widely distributed. The City shall maintain an up-to-date list of contact information for all City residents to allow for effective emergency notifications and evacuation warnings.

Policy HS-1.10: Communication Redundancy

The City shall work with communication providers to install redundant facilities, reducing the chance of service outages, with an emphasis on communication facilities that provide essential services.

8.2.2 Geologic and Seismic Hazards

**Goal
HS-2**

To minimize exposure of persons and property to damage resulting from geologic and seismic hazards.

Policy HS-2.1: Burned Slopes

The City shall take emergency action as needed to stabilize burned slopes located above developed areas, important infrastructure, or key transportation corridors as soon as possible after a wildfire event to minimize the risk of landslides.

Policy HS-2.2: Resilient Infrastructure

The City shall conduct structural retrofits of at-risk City-owned infrastructure to protect against flooding and landslides/debris flows.

Policy HS-2.3: Development in Areas Subject to Geologic Hazards

The City shall limit development in areas with severe slopes and shall discourage incompatible land uses from being located in areas subject to geologic or seismic hazards (e.g., liquefaction and expansive soils).

Policy HS-2.4: California Building Standard Code

The City shall continue to require that alterations to existing buildings and all new buildings be built according to the seismic requirements of the California Building Standard Code.

8.2.3 Air Quality

**Goal
HS-3**

To reduce the generation of air pollutants and promote non-polluting activities to minimize impacts to human health and the economy of the City.

Policy HS-3.1: Cooperation with Local and Regional Agencies

The City shall cooperate with other local, regional, and state agencies in developing an effective approach to implementing air quality plans that achieve state and federal Ambient Air Quality Standards. Air quality plans shall incorporate programs developed by the Sacramento Area Council of Governments and the Placer County Air Pollution Control District.

Policy HS-3.2: Regional Agency Review of Development Proposals

The City shall solicit and consider comments from local and regional agencies on proposed projects that may affect regional air quality. The City shall submit development proposals to the Placer County Air Pollution Control District for review and comment in compliance with the California Environmental Quality Act (CEQA) prior to consideration by the City.

Policy HS-3.3: *Placer County Air Quality Attainment Plan*

The City shall continue to support the recommendations found in the Placer County Air Quality Attainment Plan for the reduction of air pollutants.

Policy HS-3.4: *Transportation Demand Management*

The City shall encourage public and private businesses to implement employee use of rideshare programs, public transportation, electric vehicles (including neighborhood electric vehicles as appropriate), and/or alternatives to motorized transportation, such as bicycling or walking to work.

Policy HS-3.5: *Development Requirements*

The City shall require developments, where feasible, to be located, designed, and constructed in a manner that would minimize the production of air pollutants and avoid land use conflicts.

Policy HS-3.6: *City Review of Development Proposals*

The City shall require consideration of alternatives or amendments that reduce emissions of air pollutants when reviewing project applications.

Policy HS-3.7: *Transportation Management Program*

The City shall require as a condition of approval for industrial, commercial, and office projects a Transportation Management Program that is consistent with the City's circulation policies of the General Plan.

Policy HS-3.8: *Air Quality Analysis*

The City may require an analysis of potential air quality impacts associated with significant new developments through the environmental review process, and identification of appropriate mitigation measures prior to approval of the project development.

Policy HS-3.9: *Dust-Suppression Program*

The City shall require contractors to implement dust-suppression measures during excavation, grading, and site preparation activities. Techniques may include, but are not limited to, the following:

- Site watering or application of dust suppressants,
- Phasing or extension of grading operations,
- Covering of stockpiles,
- Suspension of grading activities during high wind periods (typically winds greater than 25 miles per hour), and
- Revegetation of graded areas.

Policy HS-3.10: *Travel Demand Measures*

Coordinating with the Placer County Air Pollution Control District, the City shall require large development projects to mitigate air quality impacts. As feasible, mitigations may include, but are not limited to, the following:

- Providing bicycle access and bicycle parking facilities,

- Providing preferential parking for high-occupancy vehicles, carpools, or alternative fuels vehicles (including neighborhood electric vehicles [NEVs]), and
- Establishing telecommuting programs or satellite work centers.

Policy HS-3.11: Woodburning

The City shall require the use of natural gas or the installation of low-emission, US Environmental Protection Agency (EPA)-certified fireplace inserts in all open-hearth fireplaces in new homes. The City shall promote the use of natural gas over wood products in space heating devices and fireplaces in all new homes and existing homes considering remodeling plans.

Policy HS-3.12: Employment-Intensive Development

The City shall encourage employment-intensive development with a high floor area ratio where adequate community transit services are planned, and discourage such development where adequate community transit service is not planned.

Policy HS-3.13: Location of Support Services

The City shall support the location of ancillary employee services (including, but not limited to, childcare, restaurants, banking facilities, convenience markets) at major employment centers for the purpose of reducing midday vehicle trips.

Policy HS-3.14: Parking Control

The City shall provide disincentives for single-occupant vehicle trips through parking supply and pricing controls in areas where supply is limited and alternative transportation modes are available.

Policy HS-3.15: Infill Near Employment

The City shall identify and adopt incentives for planning and implementing infill development projects within urbanized areas near job centers and transportation nodes.

Policy HS-3.16: Planning Programs

The City shall support land use, transportation management, infrastructure, and environmental planning programs that reduce vehicle emissions and improve air quality.

Policy HS-3.17: Street Design

The City shall promote street design that provides an environment that encourages neighborhood electric vehicles, transit use, biking, and walking.

Policy HS-3.18: Design for Transportation Alternatives

The City shall encourage all new development to be designed to promote pedestrian and bicycle access and circulation (including the use of NEVs), to the greatest extent feasible.

Policy HS-3.19: Working with Employers

The City shall encourage employers to provide transit subsidies, bicycle facilities, and alternative work schedules, ridesharing, telecommuting, and work-at-home programs, employee education, and preferential parking for carpool/vanpools.

Policy HS-3.20: Transportation Management Association

The City shall encourage commercial, retail, and residential developments to participate in or create Transportation Management Associations.

Policy HS-3.21: Shade Tree Informational Packet

The City will develop a tree planting informational packet to help future residents understand their options for planting trees that can absorb carbon dioxide.

Policy HS-3.22: Air Quality Impacts from Natural Hazards

The City will anticipate the potential impacts to air quality from natural hazards, particularly fire, as well as any secondary impacts, such as gas line ruptures resulting from seismic activity.

8.2.4 Airport Hazards

Goal HS-4

To minimize the possibility of the loss of life, injury, or damage to property from airport hazards.

Policy HS-4.1: Airport Land Use Compatibility Plan

The City shall require that development around the Lincoln Regional Airport be consistent with the safety policies and land use compatibility guidelines contained in the adopted Placer County Airport Land Use Compatibility Plan and any subsequent amendments to the plan.

Policy HS-4.2: Compliance with Federal Aviation Administration Regulations

The City shall ensure that development within the airport approach and departure zones are in compliance with Part 77 of the Federal Aviation Administration Regulations (FAA regulations that address objects affecting navigable airspace).

Policy HS-4.3: Regional Cooperation Efforts

The City shall encourage the Lincoln Regional Airport to cooperate with other airports in Placer County and the Greater Sacramento Area to share any information of potential aviation threats that could impact the community.

8.2.5 Hazardous Materials

**Goal
HS-5**

To protect residents and property from the use, transport, and disposal of hazardous materials.

Policy HS-5.1: Transporting Hazardous Materials

The City shall strive to ensure that hazardous materials are used, transported, and disposed of within the City in a safe manner and in compliance with local, state, and federal safety standards.

Policy HS-5.2: Reduction of Hazardous Materials

The City shall reduce the amount of hazardous materials used and hazardous wastes produced in the community by encouraging and prioritizing the development of industries in the city that do not use, produce, or transport hazardous materials, provide incentives to existing industries to reduce the use of hazardous materials, and require preparations of Phase I or Phase II hazardous materials studies as necessary for each identified site within the project area.

Policy HS-5.3: Siting of Uses with Hazardous Materials or Wastes

The City will carefully consider the siting of any uses utilizing, producing, or transporting hazardous materials and wastes and discourage their location around any residential, recreational or open space, and public uses. The City shall discourage firms that require treating of industrial waste, unless the wastes are pre-treated to a secondary-stage level, as defined by the State of California.

Policy HS-5.4: Public Education

The City shall educate its residents about the proper disposal methods for household hazardous wastes.

Policy HS-5.5: Transportation of Hazardous Materials

The City shall restrict transportation of hazardous materials through the city to designated routes that shall be located away from any residential, recreational or open space, and public uses and shall collaborate with Placer County to ensure that any hazardous material/waste transportation routes in the unincorporated county are located away from the City's residential, recreational or open space, and public uses.

Policy HS-5.6: Regional Hazardous Materials Release Containment

The City shall work with Placer County and other surrounding cities and towns in the county to keep apprised of any hazardous materials release events that could threaten or impact Lincoln share resources to contain any materials released, particularly when surface or groundwater sources become threatened.

Policy HS-5.7: Air Quality Impacts

The City shall monitor the impacts on the city's air quality—and strive to make improvements—originating from the use and production of any hazardous materials as well as any hazardous materials that are accidentally released into the airshed. The City shall coordinate with existing industries to support these activities.

Policy HS-5.8: Hazardous Materials Inventory

The City shall maintain and share with the Placer County Environmental Health Department an inventory of all companies, facilities, buildings, and properties that use, store, produce, and/or import/export any hazardous materials and wastes in the city.

8.2.6 Flood Hazards
**Goal
HS-6**

To minimize the risk of life and property of the City's residents from flood hazards.

Policy HS-6.1: Drainage and Flood Control Facilities

The City will continue to cooperate and coordinate efforts with the Placer County Flood Control and Water Conservation District for the construction, operation, and maintenance of drainage and flood control facilities and provide for the joint use of these facilities, where feasible. This includes cooperation with Placer County, cities within Placer County, and Sutter County and special districts to provide regional flood control protection.

Policy HS-6.2: Master Drainage Plans

The City shall require master drainage plans as a condition of approval for large development projects.

Policy HS-6.3: New Residential Construction

The City shall require new residential construction to have its lowest habitable floor elevated above the base flood level elevation, determined by Federal Emergency Management Agency (FEMA) standards.

Policy HS-6.4: Stream Channels

The City shall prohibit development along stream channels that would reduce the stream capacity, increase erosion, or cause deterioration of the channel.

Policy HS-6.5: Flood Insurance Program

The City shall maintain the highest-feasible rating under the Community Rating System of the National Flood Insurance Program to reduce flood risks and the cost of private property insurance.

Policy HS-6.6: Public Facilities

The City shall require new public facilities to be built in areas outside of identified 100- and 500-year flood zones and encourage the re-location, as feasible, of existing public facilities outside of these flood zones as well.

Policy HS-6.7: Infrastructure Hardening

The City shall work to harden any infrastructure, such as roads, utility lines, sewers, to be able to withstand the impacts of a 500-year flood event.

Policy HS-6.8: Open Space Ecosystem Benefits

The City shall consider the ecosystem service benefits of open space to protect developed or agricultural areas from floods and other natural hazards when preserving open-space areas.

Policy HS-6.9: Storm Drain System

The City shall conduct regular cleaning and maintenance of City-owned storm drains along key roadways, especially in advance of the rainy season and improve storm drain capacity in areas where ponding is regularly observed.

8.2.7 Urban and Wildland Fire Hazards**Goal
HS-7**

To minimize the risk of life and property from urban and wildland fires.

Policy HS-7.1: Cooperation and Sharing of Resources

The City shall cooperatively work and share resources and information with other cities and towns in Placer County and with the County of Placer and its unincorporated communities to address regional fire risks.

Policy HS-7.2: New Development Review

The City shall require a wildfire management plan to be submitted with any major residential developments requiring an environmental impact report (EIR) and shall establish buffers and conduct fuel clearance as may be necessary.

Policy HS-7.3: Adequate Firefighting Infrastructure

The City shall require the minimum required infrastructure and requisite facilities to suppress fires throughout the city, including sufficient road widths, adequate water pressure and fire hydrants, and clearly visible street signage.

Policy HS-7.4: Fire Risk Mitigation

The City shall work to harden and reduce fuel loads approximate to any infrastructure, such as roads, power lines, and electric substations, that exists within designated fire hazard zone or in any area known to have burned in the past.

Policy HS-7.5: Fire-Safe Development Standards

The City shall develop fire-safe development standards for new development in the wildland-urban interface to minimize property damage and loss of life. The City shall encourage fire-safe renovations for existing developments.

Policy HS-7.6: Weed Abatement

The City shall maintain a weed abatement program to ensure clearing of dry brush areas. Weed abatement activities shall be conducted in a manner consistent with all applicable environmental regulations.

Policy HS-7.7: Enforce Code/Ordinances

The City shall enforce the City building code, fire code, and ordinances for fire safety and fire protection.

8.2.8 Noise**Goal
HS-8**

To protect residents from health hazards and annoyance associated with excessive noise levels.

Policy HS-8.1: Sensitive Receptors

The City will allow the development of new noise-sensitive land uses (which include, but are not limited to, residential, healthcare facilities, and schools) only in areas exposed to existing or projected levels of noise.

Policy HS-8.2: Protect Residential Areas

The City will strive to achieve exterior noise levels for existing and future dwellings in residential areas that do not exceed exterior noise levels of 60 A-weighted decibels (dBA) Community Noise Equivalent Level (CNEL) and interior noise levels of 45 dBA CNEL.

Policy HS-8.3: Railroad Noise

The City will work with railroad operators to assess the feasibility of noise mitigation measures, where sensitive noise receptors are impacted by rail operations.

Policy HS-8.4: Controlling Truck Traffic

The City shall control noise sources in residential areas and other noise-sensitive areas by restricting truck traffic to designated truck routes.

Policy HS-8.5: Noise Monitoring

The City shall establish an ongoing noise monitoring program for the purpose of enforcing noise standards established by the City.

Policy HS-8.6: Development Around Airport

The City shall require that development around Lincoln Airport be consistent with the noise standards contained in the approved Airport Land Use Commission Plan, and where deemed appropriate, require avigation easements from new development.

Policy HS-8.7: Update Airport Master Plan

The City shall pursue the update of the Airport Master Plan noise contours through the year 2030, consistent with the anticipated use of the airport by larger aircraft, and to revise the General Plan as necessary to reflect new noise contours.

Policy HS-8.8: Construction Noise

The City will provide guidelines to developers for reducing potential construction noise impacts on surrounding land uses.

Policy HS-8.9: Noise Compatibility Guidelines

The City shall use adopted noise compatibility guidelines to evaluate compatibility of proposed new development and ensure compatibility between residential, commercial, and other surrounding land uses.

Policy HS-8.10: Sound Attenuation Features

The City shall require sound attenuation features such as walls, berming, and heavy landscaping between commercial and industrial uses and residential uses to reduce noise and vibration. Setback distances may also be used to reduce noise.

Policy HS-8.11: Noise Buffering

The City shall require a variety of sound attenuation features (including noise buffering or insulation) in new development along major streets and highways, and along railroad tracks.

Policy HS-8.12: Coordinate with Railroad Companies

The City will coordinate and provide City input into expansion plans for railroad lines and switching yards.

Policy HS-8.13: Coordinate with Caltrans

The City will coordinate and provide City input into expansion plans for railroad lines and switching yards.

Policy HS-8.14: Noise Analysis

The City shall require noise analysis of proposed development projects as part of the environmental review process and to require mitigation measures that reduce noise impacts to acceptable levels. The noise analysis shall:

- Be the responsibility of the applicant
- Be prepared by a qualified person experienced in the fields of environmental noise assessment and architectural acoustics
- Include representative noise-level measurements with sufficient sampling periods and locations to adequately describe local conditions
- Estimate existing and projected noise levels in terms of Ldn/CNEL and compare the levels to the adopted policies of the City's General Plan
- Recommend appropriate mitigation to achieve compatibility with the adopted noise policies and standards of the City's General Plan. Where the noise source in question consists of intermittent single events, the acoustical analysis must address the effects of maximum noise levels in sleeping rooms in terms of possible sleep disturbance
- Estimate noise exposure after the prescribed mitigation measures have been implemented. If the project does not comply with the adopted standards and policies of the City's General Plan, the analysis must provide acoustical information for a statement of overriding considerations for the project

- Describe a post-project assessment program, which could be used to evaluate the effectiveness of the proposed mitigation measures

Policy HS-8.15: *Limiting Construction Activities*

The City shall establish restrictions regarding the hours and days of construction activities throughout the City.

Policy HS-8.16: *State Noise Insulation Standards*

The City shall enforce the State Noise Insulation Standards (California Administrative Code, Title 24) and Chapter 35 of the Uniform Building Code.

8.2.9 Climate Change Hazards

Goal HS-9

To create a more resilient community that is prepared for, responsive to, and recoverable from hazards created or made worse by climate change.

Policy HS-9.1: *Regional Collaboration*

The City shall engage in partnerships with the Capital Region Climate Readiness Collaborative, Placer County, and other regional bodies to support local and regional interagency efforts to assess climate change impacts and to develop and implement strategies that increase resilience of vulnerable ecosystems.

Policy HS-9.2: *Resilience Hubs*

The City shall establish a network of equitably located community resilience centers throughout Lincoln. The City shall ensure that resilience centers are situated outside of areas at risk from hazard impacts to the extent possible, offer refuge from extreme heat and extreme weather events, and are equipped with renewable energy generation and backup power supplies. The City shall support the physical network of community resilience centers with a virtual (web-based) resilience hub to provide residents and businesses with information and resources during an emergency.

Policy HS-9.3: *Healthy and Reliable Water Supply*

The City shall coordinate with Placer County Water Agency and Nevada Irrigation District to support ongoing efforts to plan for sustainable, long-term potable water supply. At a local level, the City shall increase participation in water conservation programs to reduce water use in Lincoln.

Policy HS-9.4: *Resilient Agricultural Economy*

The City shall coordinate with Placer County Agricultural Commissioner's Office and UC Cooperative Extension to promote agricultural conservation activities to maintain and improve soil health, identify use opportunities for sites no longer appropriate for agricultural activities, and encourage alternative crop types that are drought-, heat-, and severe weather-resistant.

Policy HS-9.5: *Vector-borne Diseases*

The City shall coordinate with the Placer County Public Health Department to ensure that free or reduced-cost vaccinations for vector-borne diseases are available for Lincoln residents.

Policy HS-9.6: *Reduced Health Risks to Extreme Heat*

The City shall ensure City facilities, including parks, trailheads, and sport courts/fields, provide options, including cooling through shading or tree planting and hydration through refillable water stations, to encourage proper hydration and protection against heat-related illnesses. The City shall develop an outreach program to local schools to reduce outdoor exposure during extreme heat events.

Policy HS-9.7: *Cooling Centers*

The City shall establish appropriate City facilities as cooling centers, which shall be opened during extreme heat events to provide relief to community members. Such facilities should have sufficient space and cooling capacity, have adequate parking to meet demand, and be in readily accessible areas. The City shall widely distribute information about cooling centers before and during extreme heat events.

Policy HS-9.8: *Energy-Efficient Residential and Commercial Buildings*

The City shall work with Placer County and Pioneer Community Energy to identify funding opportunities, including grant assistance programs, to provide reduced-cost energy-efficient improvements, including insulation, window replacements, installation of new or improved air conditioning systems, to low-income households and homeowners of homes built before 1990.

Policy HS-9.9: *Adaptation Retrofits*

The City shall encourage property owners to conduct suitable adaptation retrofits, such as creating defensible space or structural strengthening, concurrent with energy-efficiency retrofits.

Policy HS-9.10: *Coordinate with Homeless Resource Council of the Sierras*

The City shall coordinate with the Homeless Resource Council of the Sierras and other existing programs to ensure that emergency shelters are available during extreme heat events, severe winter weather events, and other highly hazardous conditions. The City shall ensure that the local homeless population is made aware of these resources and provide information and resources about staying safe during hazardous conditions.

Policy HS-9.11: *Natural Infrastructure*

The City shall encourage efforts to protect open space and increase construction of green infrastructure, such as rain gardens and bioswales to provide additional protection from climate-related hazards.

8.2.10 Emergency Response

Goal HS-10

To ensure the maintenance of the Emergency Response Plan to maintain its effectiveness in preparing and responding to a natural or human-made disaster.

Policy HS-10.1: Emergency Response Plan

The City shall continue to update and ensure that the Emergency Response Plan meets current federal, state, and local emergency requirements.

Policy HS-10.2: Interjurisdictional Emergency Response Coordination

The City shall ensure that it cooperatively works with other emergency services at the local, regional, state, and federal levels, including fire, police, and medical services associated with surrounding cities and towns; the Placer County Fire Department, Placer County Department of Health and Human Services, and Placer County Sheriff's Office; the California Department of Forestry and Fire Protection, California Department of Public Health, California Governor's Office of Emergency Services, and California Highway Patrol; and the United States FEMA.

Policy HS-10.3: Private Emergency Response Plans

The City shall require new and existing large-scale developments in areas with known geologic and seismic, flood, and fire hazards to develop Emergency Preparedness Plans.

Policy HS-10.4: Crime Management and Reduction

The City shall work to reduce the threats of crime in the community through environmental design and community neighborhood watch programs, as well as other strategies to be identified by the City Council and focus groups.

8.2.11 Implementation Measures

See Table HS-1 for implementation measures.

Table HS-1 Implementation Measures

Implementation Measure		Applicable Policy	Responsible Agency	Timeframe			
				2020 to 2030	2030 to 2040	2040 to 2050	Ongoing
1.0	The City shall, as needed, develop additional hazard-related districts, such as a wildfire or flooding district, where additional standards apply to protect new development against climate-related hazards.	HS-1.2	Planning Div.				■
2.0	The City shall prepare and approve an official evacuation network map with hazard risk data overlaid onto the routes. Recommend adoption of this map to the City Council by 2022.	HS-1.3	City Council Planning Div.	■			
3.0	The City shall develop an outreach and educational program about extreme heat for senior centers, community groups, schools, churches, and sports organizations. This program should include information on personal cooling strategies, healthy habits to prevent heat-related illnesses, and the locations and hours of operations of cooling centers.	HS-1.5	City Clerk's Office	■			
4.0	The City shall annually distribute flood protection educational materials (e.g., emails, safety pamphlets, social media posts, etc.) to educate citizens about safety during flood conditions, including the dangers of driving on flooded roads.	HS-1.5	City Clerk Planning Dept.				■
5.0	The City shall explore, in coordination with utility companies and neighboring communities, replacing streetlights with new models, or augmenting existing streetlights with additional features, allowing them to act as public Wi-Fi beacons, traffic counters, and relay stations for public emergency alerts.	HS-1.7	Planning Div. Public Works Dept.		■		
6.0	The City shall continue to work with Pacific Gas and Electric Company (PG&E) to ensure that areas below and adjacent to power lines are kept clear of plant matter and other accumulated debris.	HS-1.7	Public Works Dept.				■
7.0	The City shall develop a program and identify funding to retrofit City-owned buildings and facilities in areas prone to flood, landslide/debris flows, and wildfire to maximize defensible space and outdoor fireproofing, improve drainage systems, stabilize nearby slopes, and take other actions to harden the property as needed.	HS-1.8	Public Works Dept.			■	
8.0	The City shall include in the City's capital improvement program slope stabilization projects for any hilly terrain situated above developed areas that has been burned within the last year.	HS-2.1	City Council Public Work Dept.				■
9.0	The City shall incorporate resilient design features for roads and trails that are on or below steep slopes and have a history of being damaged or blocked by landslide events, techniques, and other strategies.	HS-2.2	Public Works Dept.		■		
10.0	The City shall replace City fleet vehicles with low and zero-emission technology vehicles, wherever possible.	HS-3.16	City Council City Manager				■
11.0	The City shall encourage the continued use of neighborhood electric vehicles.	HS-3.17 HS-3.18	Planning Dept.				■
12.0	The City shall ensure that wastewater infrastructure in flood-prone areas is hardened to minimize the risk of overflow.	HS-6.7	Public Works Dept.				■

Implementation Measure		Applicable Policy	Responsible Agency	Timeframe			
				2020 to 2030	2030 to 2040	2040 to 2050	Ongoing
13.0	The City shall prepare a feasibility study of retrofitting existing and requiring new park fields to include subterranean catchment basins to reduce runoff flows.	HS-6.8	Public Works Dept. Planning Div.		■		
14.0	The City shall explore partnerships with the Placer County Transit Authority to operate during extreme heat events, with specific pickup points and provide access to local cooling centers for persons who are unable to drive or lack access to a vehicle.	HS-9.2	City Manager Planning Div. Public Works Dept.			■	
15.0	The City shall encourage projects that include landscaping to use plants that will continue to be viable in the area under long-term future climate conditions. Explore modifying Lincoln's landscape ordinance (Municipal Code Chapter 15.28) to support these species.	HS-9.3	City Attorney City Council Planning Div.				■
16.0	The City shall coordinate with Pioneer Community Energy to increase enrollment in electricity demand management programs to incentivize reduced use of electricity during high demand.	HS-9.8	City Manager Public Works Dept.				■
17.0	The City shall identify the maintenance needs of public recreational facilities, including trails, from changes in daily and seasonal use patterns and activity types under future climate conditions.	HS-10.3	Parks and Recreation Dept. Public Works Dept.	■			
18.0	The City shall note any potential vulnerabilities to climate-related hazards when identifying projects for inclusion in the Capital Improvement Program and take steps to mitigate these risks.	HS-10.3	Public Works Dept.				■